2 - Parts Lists and Component Layout

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Exploded View of Nokia 7280, RM-14

Figure 1:Exploded view of RM-14

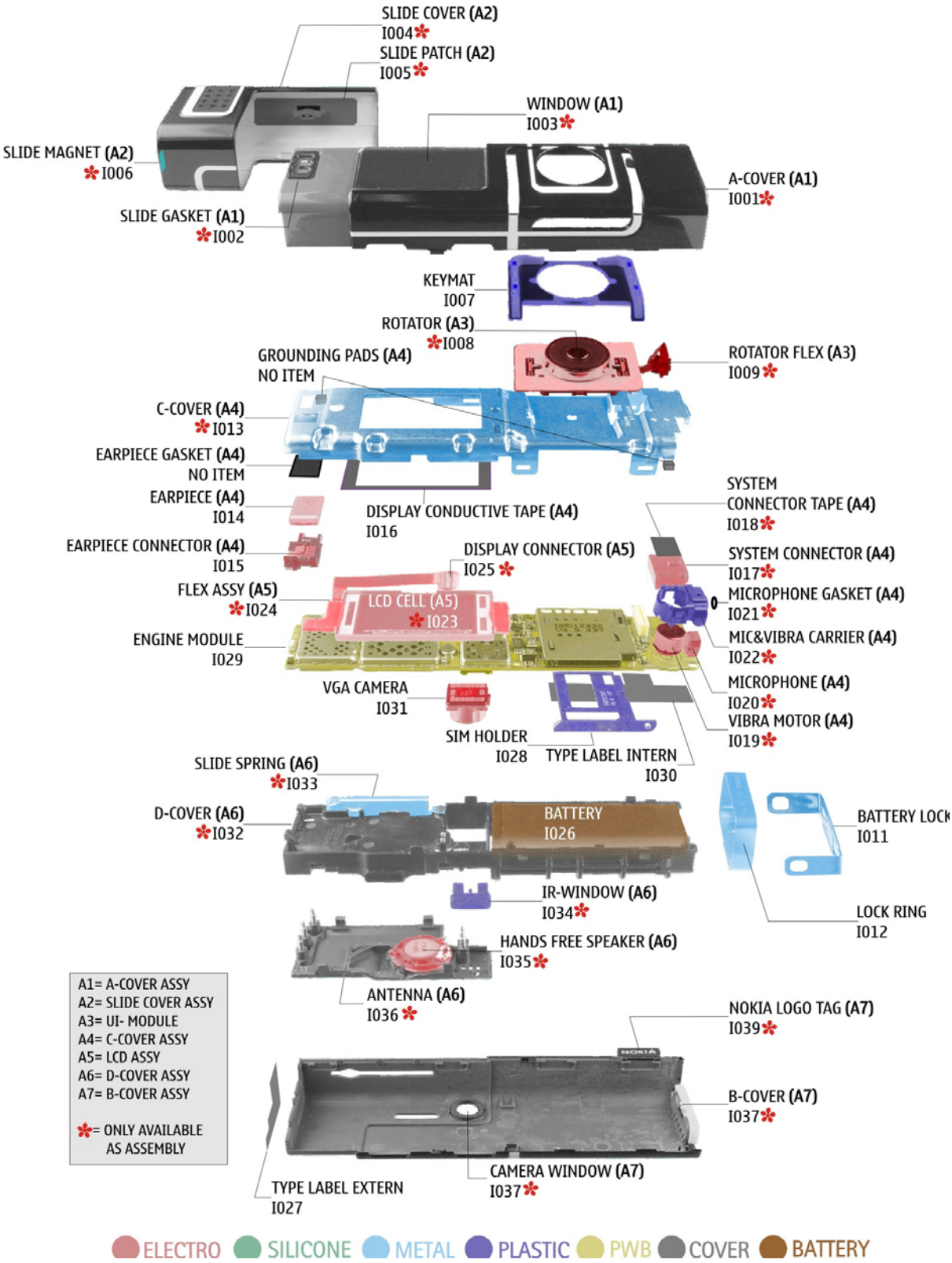

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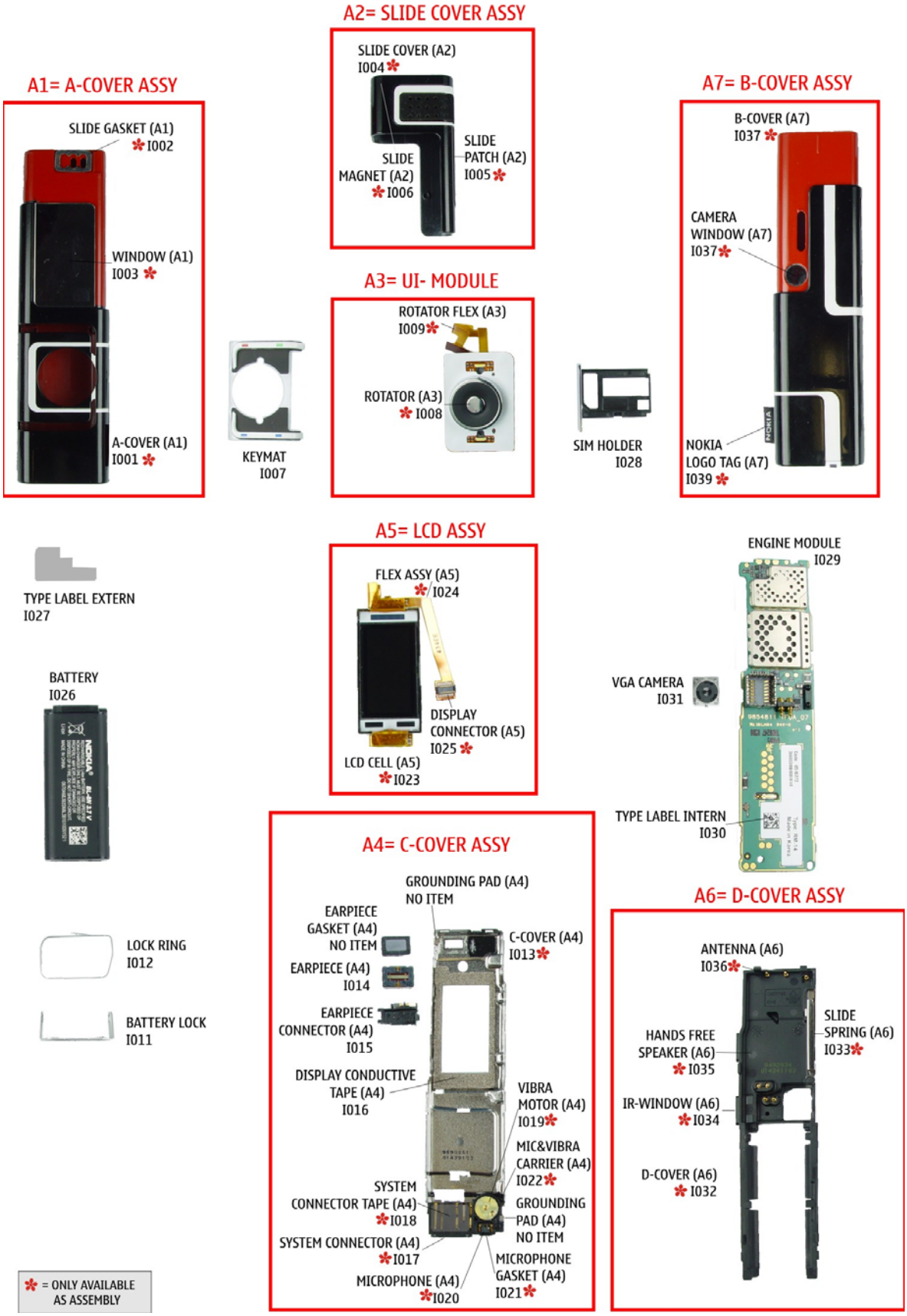
Figure 2:Mechanical parts of RM-14



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Mechanical parts

Explanation to the table:

Bold = ASSY

"-" = Not available

XXXXXXX = variants

??????? = available but not yet known

I0xx = ITEM codes for upper or mono block

I1xx = ITEM codes for hinge block

I2xx = ITEM codes for lower block

I3xx = ITEM codes for soldered spare parts
on the upper, hinge or lower block
and not exchangable

Table 1:

Item/Circuit ref	Qty	Part no	Part name
	1	**9590254**	**A-COVER ASSY**
I001	1	-	A-COVER
I002	1	-	SLIDE GASKET
I003	1	-	WINDOW
	1	**9455005**	**SLIDE COVER ASSY**
I004	1	-	SLIDE COVER
I005	1	-	SLIDE PATCH
I006	1	-	SLIDE MAGNET
I007	1	9797109	KEYMAT
	1	**9795403**	**UI MODULE**
I008	1	-	ROTATOR
I009	1	-	ROTATOR FLEX
I011	1	9511406	BATTERY LOCK

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Table 1:

Item/Circuit ref	Qty	Part no	Part name
I012	1	9900040	LOCK RING
	1	**9590251**	**C-COVER ASSY**
I013	1	-	C-Cover
I014	1	5140285	EARPIECE
I015	1	5469391	EARPIECE CONNECTOR
I016	1	9481247	DISPLAY CONDUCTIVE TAPE
I017	1	5469333	SYSTEM CONNECTOR
I018	1	9481268	SYSTEM CONNECTOR TAPE
I019	1	6801145	VIBRA MOTOR
I020	1	5149017	MICROPHONE
I021	1	-	MICROPHONE GASKET
I022	1	-	MIC & VIBRA CARRIER
	1	**4850885**	**LCD ASSY**
I023	1	-	LCD CELL
I024	1	-	FLEX ASSY
I025	1	-	DISPLAY CONNECTOR
I026	1	0670468	BATTERY BL-8N
I027	1	9372142	TYPE LABEL EXTERN
I028	1	9500442	SIM HOLDER
I029	1	0202630	Engine complete EU C (Standard) + APAC
I029	1	0202631	Engine complete EU Tur-key
I029	1	0202632	Engine complete EU Rus-sia
I029	1	0202633	Engine complete EU France

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Table 1:

Item/Circuit ref	Qty	Part no	Part name
I029	1	0202634	Engine complete EU Ukraine
I029	1	0202635	Engine complete EU South Africa
I030	1	-	TYPE LABEL INTERN
I031	1	4858029	VGA CAMERA
	1	9492034	D-COVER ASSY
I032	1	-	D-COVER
I033	1	-	SLIDE SPRING
I034	1	-	IR-WINDOW
I035	1	-	HANDS FREE SPEAKER
I036	1	-	ANTENNA
	1	9590255	B-COVER ASSY
I037	1	-	B-COVER
I038	1	-	CAMERA WINDOW
I039	1	-	NOKIA LOGO TAG

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Component Parts List of RM-14

Table 2:

Ref	Order code	Side	X/Y	Description value
C100	2320546	Top	J4	CHIPCAP NP0 27P J 50V 0402
C101	2320744	Top	T4	CHIPCAP X7R 1N0 K 50V 0402
C102	2320125	Top	N5	CHIPCAP X5R 1U K 16V 0603
C103	2320805	Top	N5	CHIPCAP X5R 100N K 10V 0402
C104	2611761	Top	N2	CHIPTCAP 68UF M 6V3 3.5X2.8X1.9
C105	2611761	Top	N3	CHIPTCAP 68UF M 6V3 3.5X2.8X1.9
C106	2318013	Top	J2	CHIPCAP X5R 10U M 6V3 T 1.0 0805
C107	2320546	Bottom	P6	CHIPCAP NP0 27P J 50V 0402
C110	2320536	Top	T3	CHIPCAP NP0 10P J 50V 0402
C111	2320536	Top	T3	CHIPCAP NP0 10P J 50V 0402
C120	2320481	Bottom	L3	CHIPCAP X5R 1U K 6V3 0603
C121	2318015	Bottom	S6	CHIPCAP FEEDTHRU 100N M 25V 0805
C128	2320805	Bottom	K3	CHIPCAP X5R 100N K 10V 0402
C159	2315203	Top	T5	CHIP ARRAY X5R 2X10N M 16V 0405
C162	2315213	Bottom	J4	CHIP ARRAY NP0 2X22P K 25V 0405
C163	2320125	Top	T4	CHIPCAP X5R 1U K 16V 0603
C164	2315203	Top	T3	CHIP ARRAY X5R 2X10N M 16V 0405
C300	2320778	Top	T6	CHIPCAP X7R 10N K 16V 0402
C303	2320778	Top	B3	CHIPCAP X7R 10N K 16V 0402
C305	2320481	Top	M5	CHIPCAP X5R 1U K 6V3 0603
C306	2320536	Top	M6	CHIPCAP NP0 10P J 50V 0402
C307	2320536	Top	N6	CHIPCAP NP0 10P J 50V 0402
C308	2320546	Top	J4	CHIPCAP NP0 27P J 50V 0402
C309	2320805	Top	K4	CHIPCAP X5R 100N K 10V 0402
C310	2320546	Top	J4	CHIPCAP NP0 27P J 50V 0402
C311	2320805	Top	J4	CHIPCAP X5R 100N K 10V 0402

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Table 2:

Ref	Order code	Side	X/Y	Description value
C312	2320778	Bottom	C6	CHIPCAP X7R 10N K 16V 0402
C313	2320481	Top	N6	CHIPCAP X5R 1U K 6V3 0603
C314	2320481	Top	M6	CHIPCAP X5R 1U K 6V3 0603
C315	2320125	Top	N5	CHIPCAP X5R 1U K 16V 0603
C316	2320546	Bottom	B2	CHIPCAP NP0 27P J 50V 0402
C318	2320778	Top	T6	CHIPCAP X7R 10N K 16V 0402
C319	2315203	Top	T5	CHIP ARRAY X5R 2X10N M 16V 0405
C320	2320546	Top	N6	CHIPCAP NP0 27P J 50V 0402
C321	2320546	Top	N6	CHIPCAP NP0 27P J 50V 0402
C322	2320546	Top	M5	CHIPCAP NP0 27P J 50V 0402
C323	2320546	Top	K6	CHIPCAP NP0 27P J 50V 0402
C324	2320546	Top	K6	CHIPCAP NP0 27P J 50V 0402
C325	2318013	Top	J3	CHIPCAP X5R 10U M 6V3 T 1.0 0805
C326	2320481	Top	J3	CHIPCAP X5R 1U K 6V3 0603
C327	2320546	Top	J2	CHIPCAP NP0 27P J 50V 0402
C350	2312243	Bottom	K3	CHIPCAP X5R 4U7 K 6V3 0805
C351	2320544	Bottom	K2	CHIPCAP NP0 22P J 50V 0402
C352	2315263	Bottom	K2	CHIP ARRAY X5R 2X100N M 10V 0405
C390	2320805	Top	N6	CHIPCAP X5R 100N K 10V 0402
C900	2320805	Bottom	J5	CHIPCAP X5R 100N K 10V 0402
C901	2320546	Bottom	J5	CHIPCAP NP0 27P J 50V 0402
C902	2320805	Bottom	J6	CHIPCAP X5R 100N K 10V 0402
C903	2320546	Bottom	J5	CHIPCAP NP0 27P J 50V 0402
C904	2320778	Bottom	J5	CHIPCAP X7R 10N K 16V 0402
C910	2320805	Bottom	J5	CHIPCAP X5R 100N K 10V 0402
D100	4110473	Top	N5	SCH DIODE 30V 200MA VF 0V5 SOD523
F100	5119025	Bottom	S6	SM FUSE 0402
L1103	3645383	Top	T3	CHIP COIL 150N J Q28/150MHZ 0603
L150	3203801	Bottom	B5	CHIP BEAD ARRAY 2X1000R 0405

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Table 2:

Ref	Order code	Side	X/Y	Description value
L151	3203801	Top	T2	CHIP BEAD ARRAY 2X1000R 0405
L152	3203801	Top	T5	CHIP BEAD ARRAY 2X1000R 0405
L153	3203801	Top	T4	CHIP BEAD ARRAY 2X1000R 0405
L155	3648903	Bottom	J4	CHIP COIL 30nH J Q65/500MHz 0805
L156	3648903	Bottom	J4	CHIP COIL 30nH J Q65/500MHz 0805
L301	3203755	Top	J4	FERRITE BEAD 0.6R 600R/100MZ 0402
L302	3203755	Top	J4	FERRITE BEAD 0.6R 600R/100MZ 0402
L900	3203755	Bottom	J5	FERRITE BEAD 0.6R 600R/100MZ 0402
L901	3203755	Bottom	J6	FERRITE BEAD 0.6R 600R/100MZ 0402
N120	4341705	Bottom	L3	CURRNT SENS LM3820 USMD10 PB-FREE
N300	4349881	Top	N5	REG LM2795TLX-NOPB 2.4X2.0X0.8MM
N301	4341561	Top	J3	VREG 2.85/150MA(LP3987-2.85)USMD5
N306	4605953	Top	B2	HALL IC SWITCH SH248CSP VCC
N350	4865429	Bottom	K2	IRDA_TFDU5307_1.152MBIT/S_8.5X2.5
Q103	4211251	Top	N5	MFET 2SK3019 N 30V 0.1A 7R SC75
Q104	4211251	Top	N4	MFET 2SK3019 N 30V 0.1A 7R SC75
R100	1820039	Top	T4	NTC RES 0W1 47K J B 4050+-3% 0402
R102	1430800	Top	N4	CHIPRES 0W06 68K J 0402
R103	1430830	Top	N5	CHIPRES 0W06 1M0 J 0402
R104	1430830	Top	M4	CHIPRES 0W06 1M0 J 0402
R105	1430830	Top	M5	CHIPRES 0W06 1M0 J 0402
R106	1430754	Top	N4	CHIPRES 0W06 1K0 J 0402
R121	1430762	Bottom	L3	CHIPRES 0W06 2K2 J 0402
R122	1430762	Bottom	L3	CHIPRES 0W06 2K2 J 0402
R161	1825037	Top	T3	VAR.ARRAY 2X16V 824-915MHZ 0405
R167	1825037	Bottom	C5	VAR.ARRAY 2X16V 824-915MHZ 0405
R168	1825037	Top	T2	VAR.ARRAY 2X16V 824-915MHZ 0405

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Table 2:

Ref	Order code	Side	X/Y	Description value
R190	1430804	Top	T4	CHIPRES 0W06 100K J 0402
R304	1430115	Bottom	C6	CHIPRES 0W06 2K2 F 200PPM 0402
R305	1430137	Bottom	C5	CHIPRES 0W06 1K0 F 200PPM 0402
R306	1430718	Bottom	B6	CHIPRES 0W06 47R J 0402
R307	1430714	Bottom	B6	CHIPRES 0W06 33R J 0402
R308	1430702	Bottom	C6	CHIPRES 0W06 12R J 0402
R309	1430881	Top	N5	CHIPRES 0W06 124R F 100PPM 0402
R310	1430718	Bottom	C6	CHIPRES 0W06 47R J 0402
R311	1430690	Bottom	C6	CHIPRES JUMPER 0R0 0402
R312	1430790	Top	M6	CHIPRES 0W06 27K J 0402
R313	1430770	Top	M6	CHIPRES 0W06 4K7 J 0402
R314	1430716	Bottom	B6	CHIPRES 0W06 39R J 0402
R315	1430776	Top	J2	CHIPRES 0W06 8K2 J 0402
R316	1438723	Top	K6	CHIPRES 0W06 1M F 100ppm 0402
R319	1438723	Top	N5	CHIPRES 0W06 1M F 100ppm 0402
R323	1430726	Bottom	B6	CHIPRES 0W06 100R J 0402
R350	1419009	Bottom	J2	CHIPRES 0W5 4R7 J 200PPM 1210
R388	4129071	Top	N6	ASIP SIM INTERFACE ** PB-FREE **
R390	1430786	Top	N6	CHIPRES 0W06 18K J 0402
R396	1620103	Top	N2	RES NETWORK 0W06 2X22R J 0404
R397	1620103	Top	N2	RES NETWORK 0W06 2X22R J 0404
R398	1825133	Top	N2	CHIP VARISTOR VWM14V VC50V 0402
R399	1430690	Top	N2	CHIPRES JUMPER 0R0 0402
V101	4111099	Bottom	Q6	TVS Diode 16V 175W FLAT-LEAD SMD
V102	4210491	Top	M4	MOSFET DUAL P 12V TSSOP8
V300	4860801	Top	B4	LED CL421S-G RGB TRIPLE LED
V301	4211251	Top	L6	MFET 2SK3019 N 30V 0.1A 7R SC75
V302	4211251	Top	N5	MFET 2SK3019 N 30V 0.1A 7R SC75
V304	4210471	Bottom	C5	TRX2 EMX1/PEMX1 P 40V 0A1 SOT666

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Table 2:

Ref	Order code	Side	X/Y	Description value
V305	4210471	Bottom	B5	TRX2 EMX1/PEMX1 P 40V 0A1 SOT666
V306	4211207	Top	M6	MFET BSH201 P 60V 0.2A 5R SOT23
V307	4110473	Top	N6	SCH DIODE 30V 200MA VF 0V5 SOD523
Z300	4129035	Top	T4	ASIP 10-CH ESD EMI FILTER BGA25
X1000	5407049	Bottom	K5	Camera socket
X1200	5469333	Bottom	W6	System connector
X300	5407089	Top	T5	UI connector 16 pin
X302	5469235	Top	J5	Display Connector 24 Pins
X386	5469459	Top	Q4	SIM_READER_DMD12330_P1893

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Component Layouts (top and bottom sides)

Component layouts (top side)

Figure 3:Top, component number

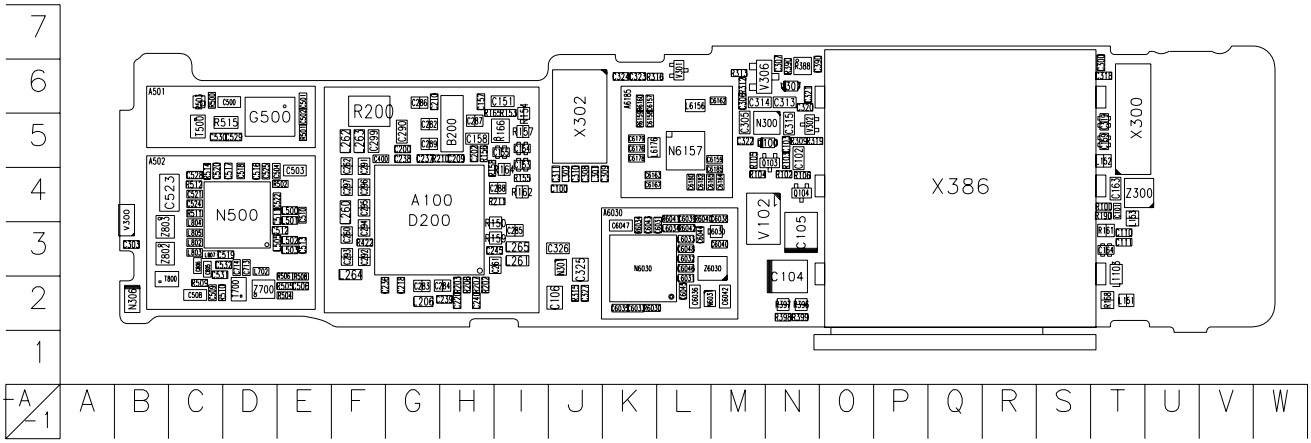
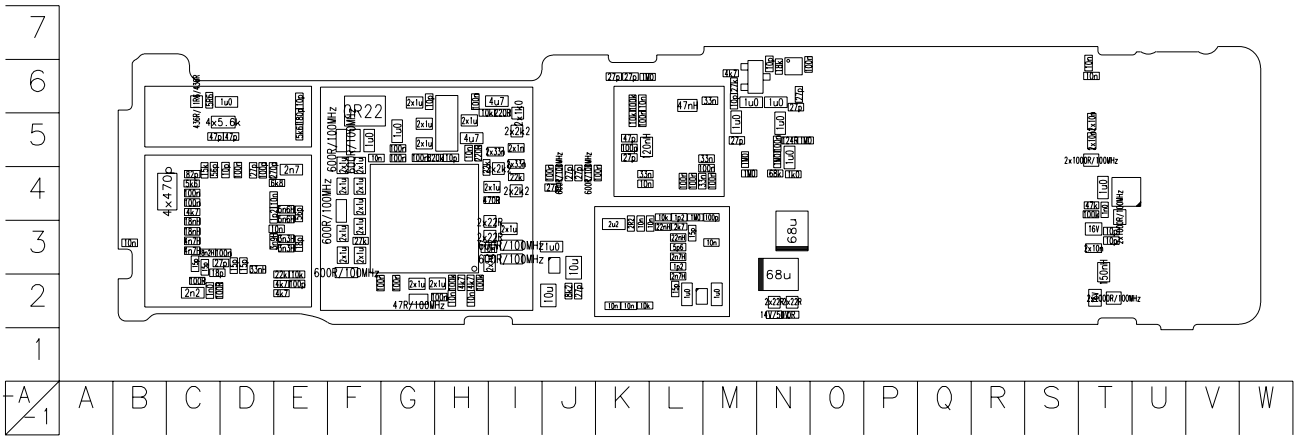


Figure 4:Top, component value



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Component layouts (bottom side)

Figure 5:Bottom, component number

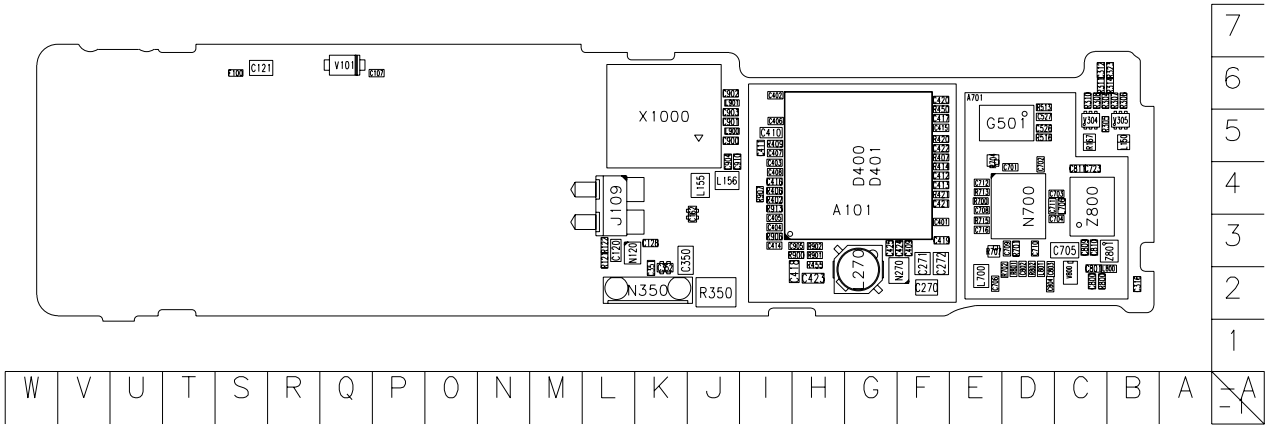
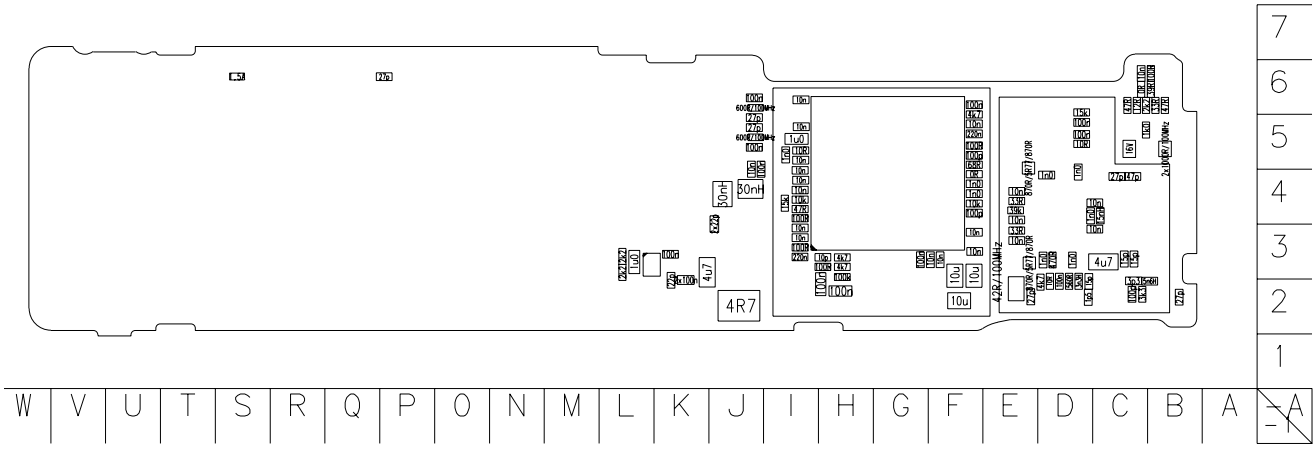


Figure 6:Bottom, component value



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